



Figure 1a

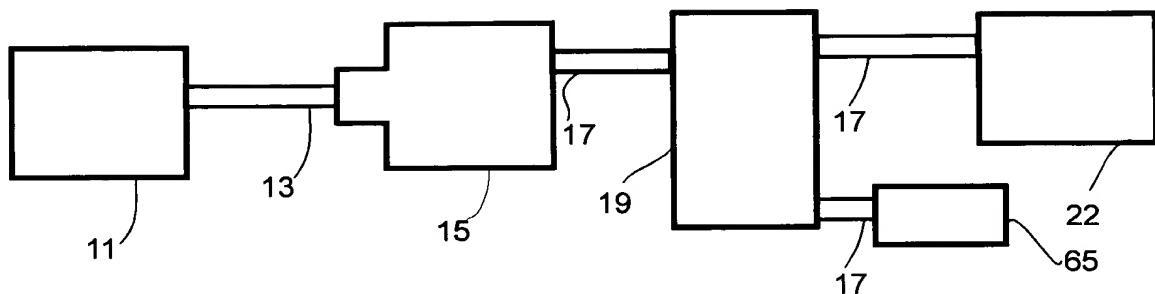




Figure 1b

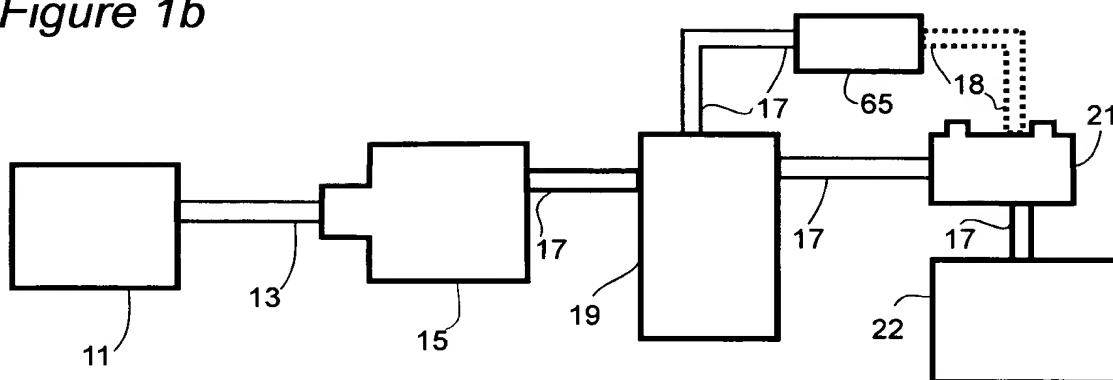


Figure 1c

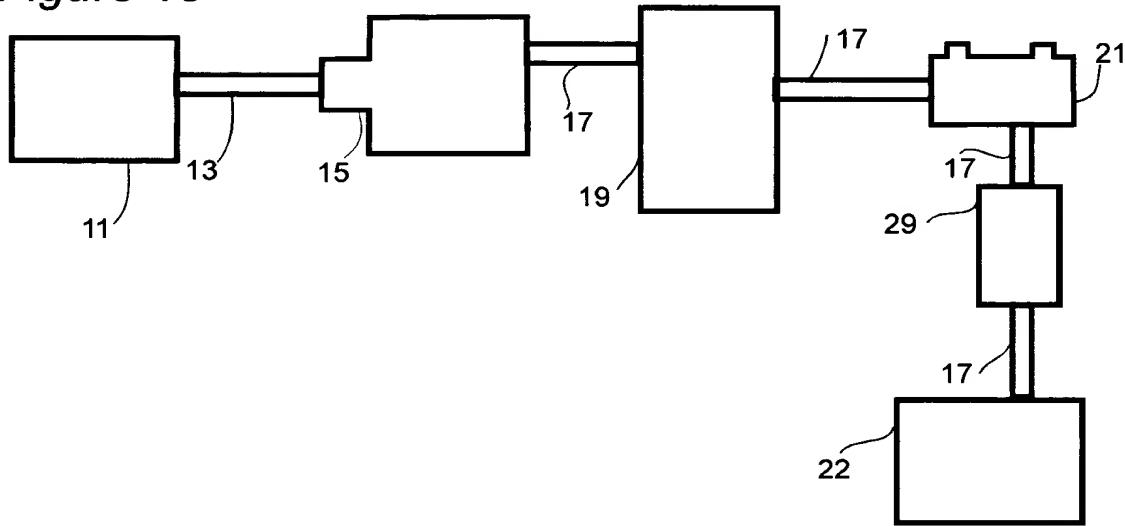




Figure 1d

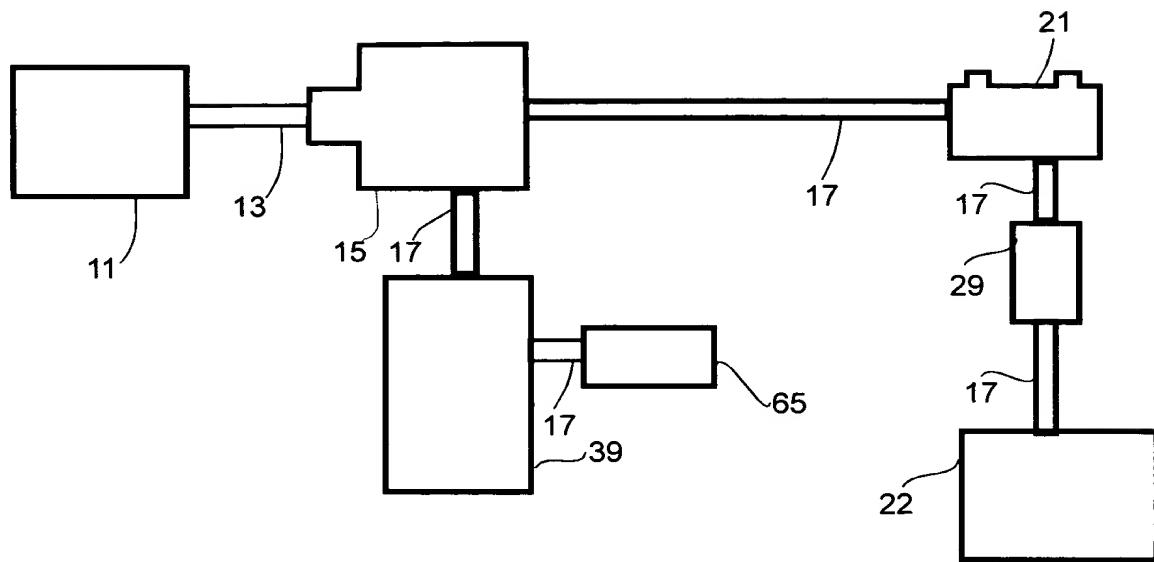


Figure 1e

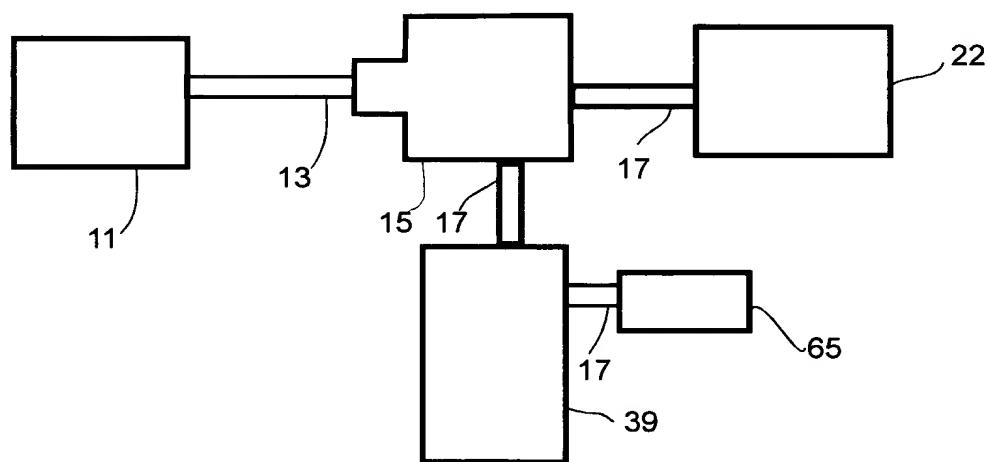




Figure 1f

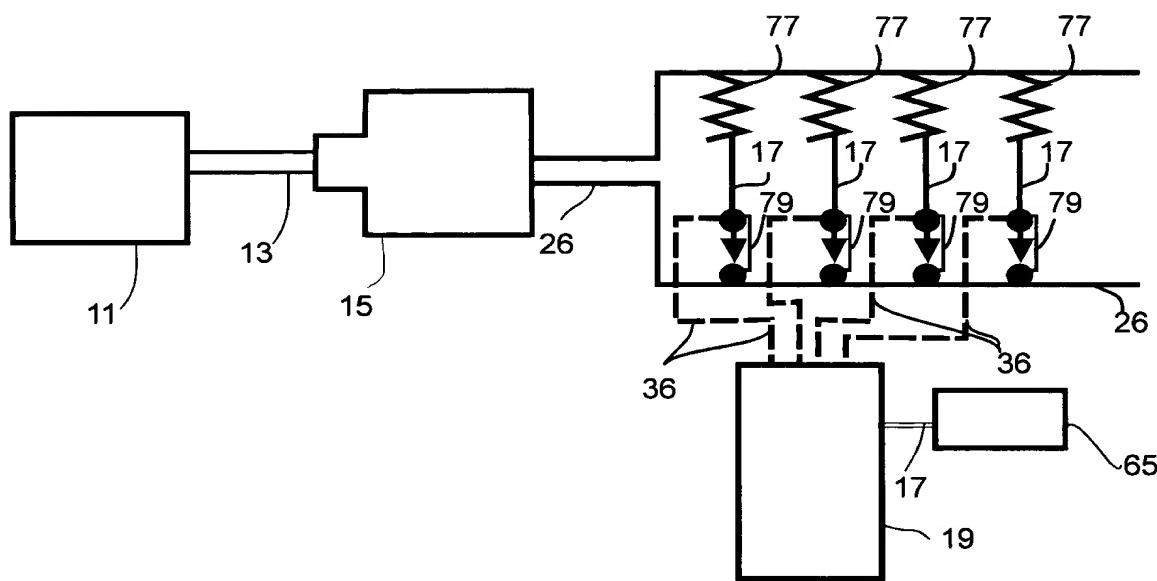




Figure 1g

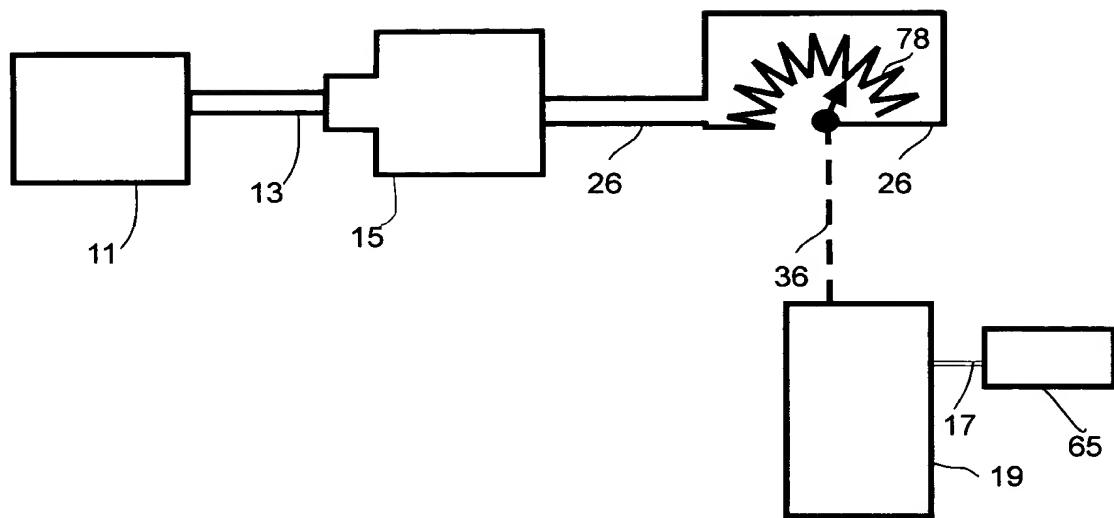


Figure 1h

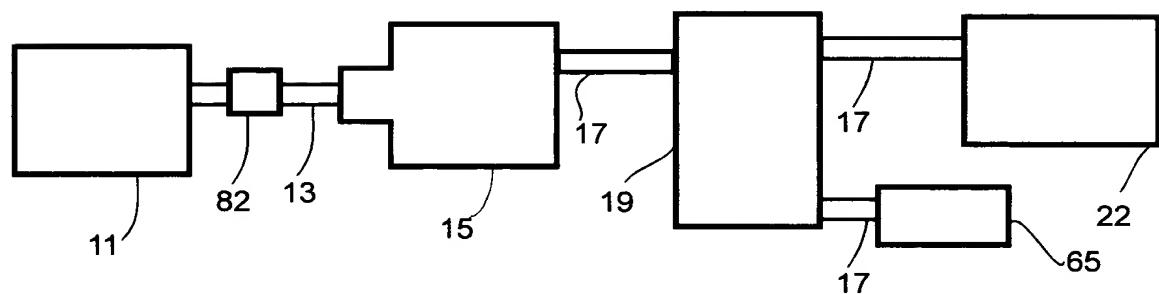




Figure 2a

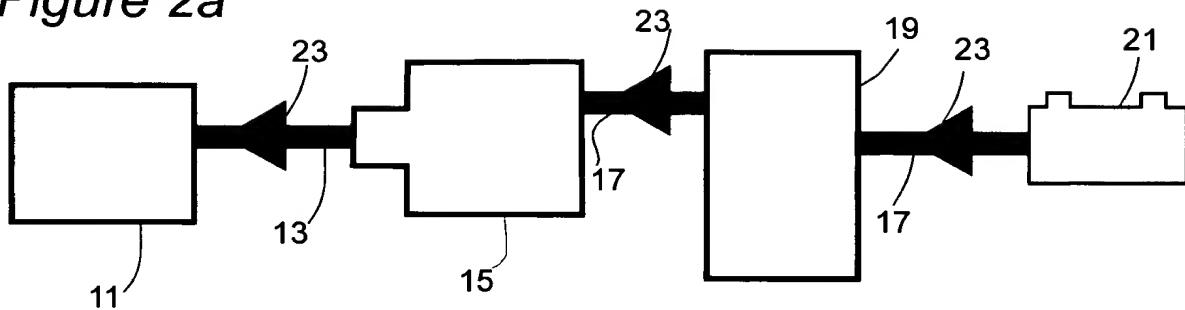


Figure 2b

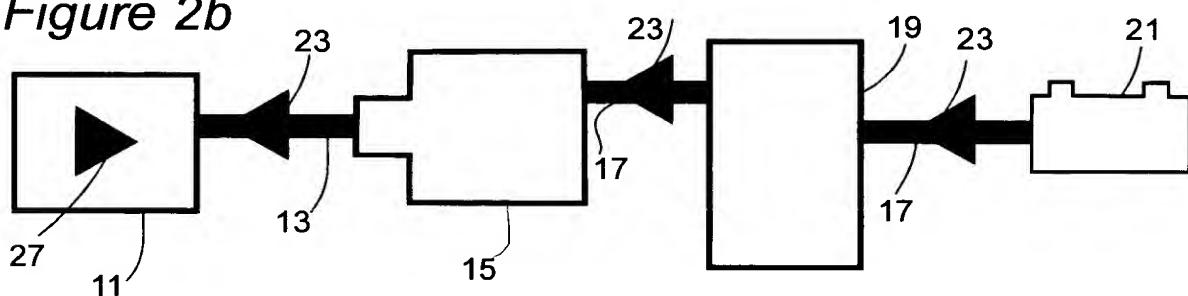


Figure 2c

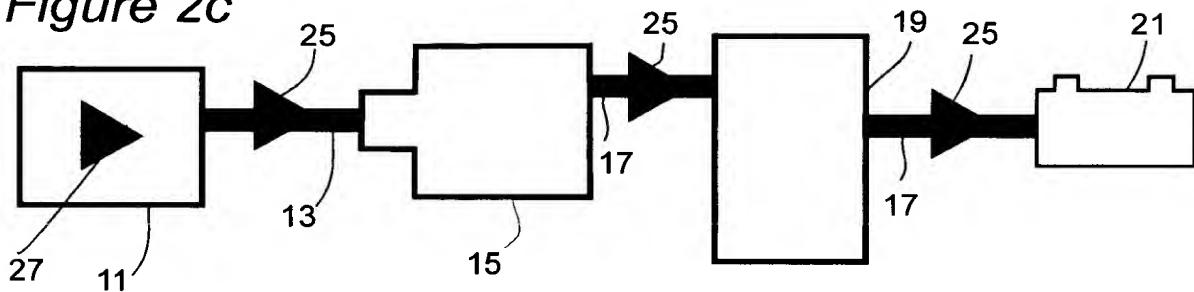


Figure 2d

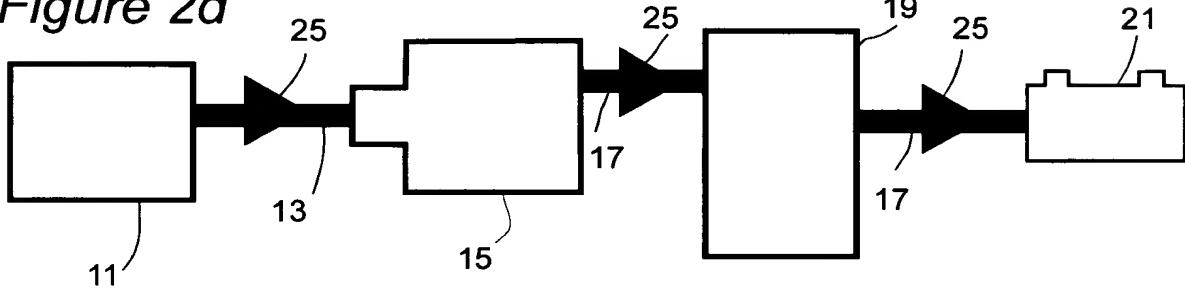




Figure 3

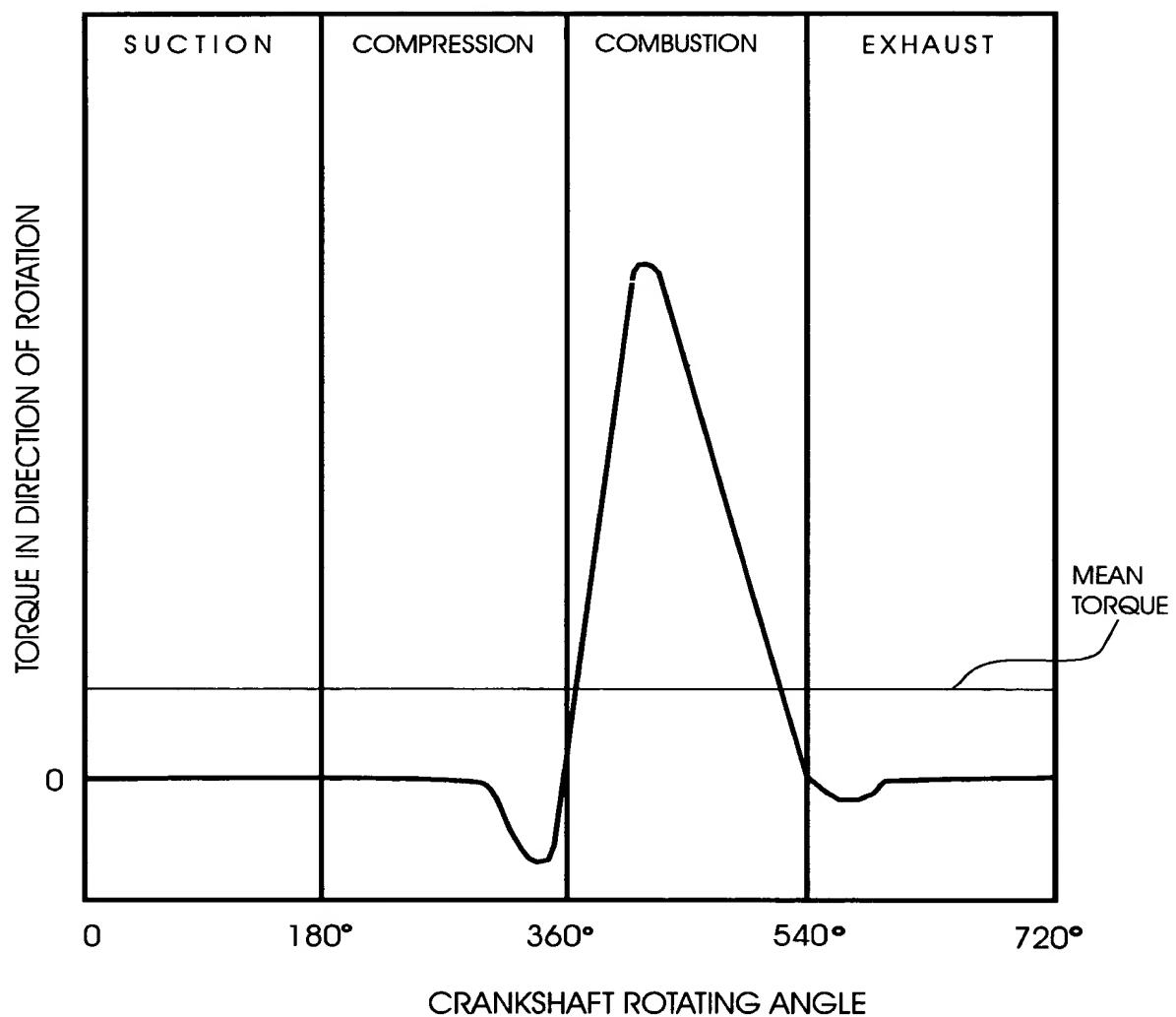




Figure 4

Torque Current
500NM 100A

400NM 80A

300NM 60A

200NM 40A

100NM 20A

G'''

G''

G'

G

20Ω

15Ω

G''''

25Ω

G'''''

40Ω

70kw

54kw

14kw

24kw

38kw

40kw

M

Rotational Velocity in Rad/sec
300r/s
200r/s

400r/s
1000v Voltage



Figure 5

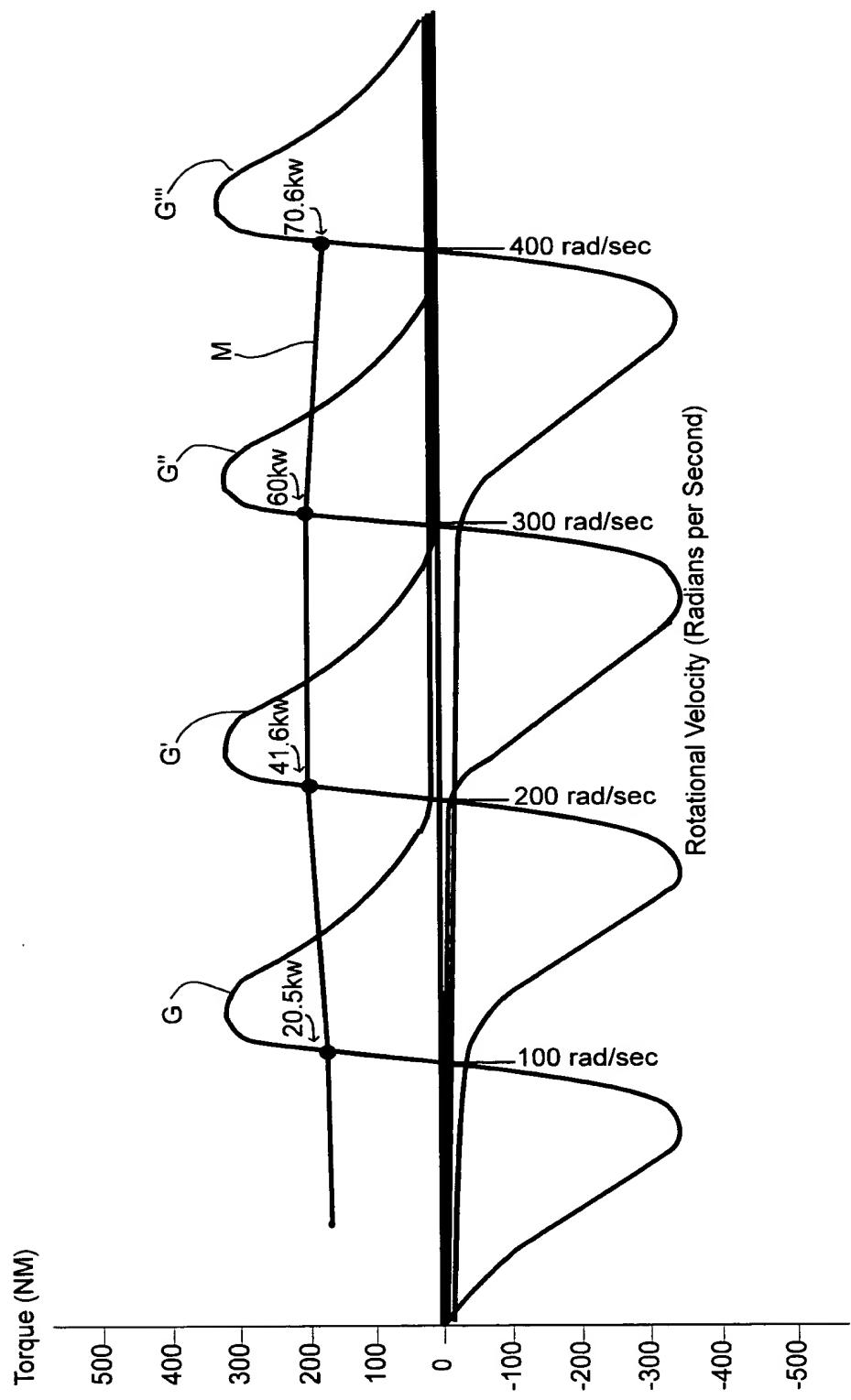




Figure 6

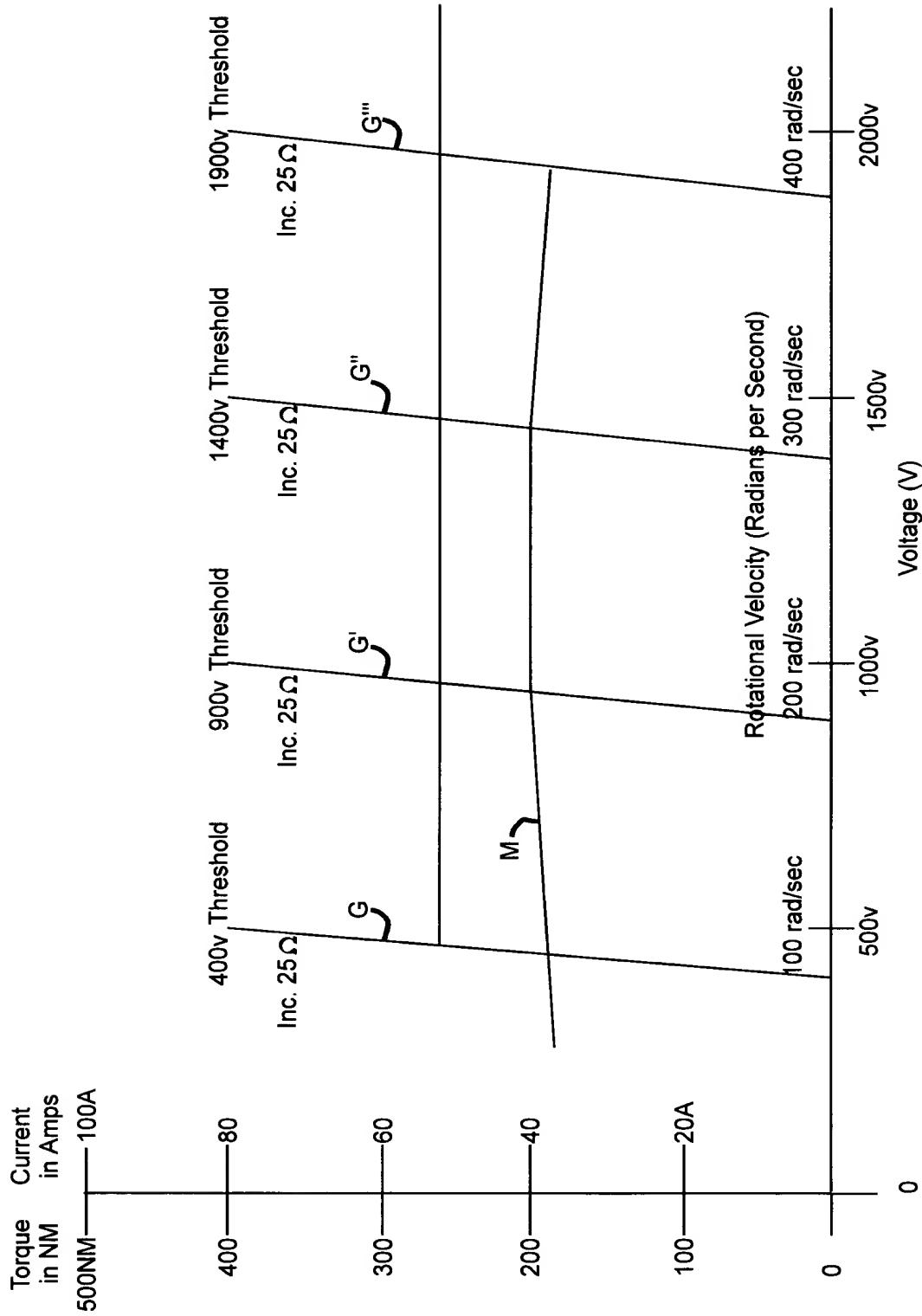


Figure 7

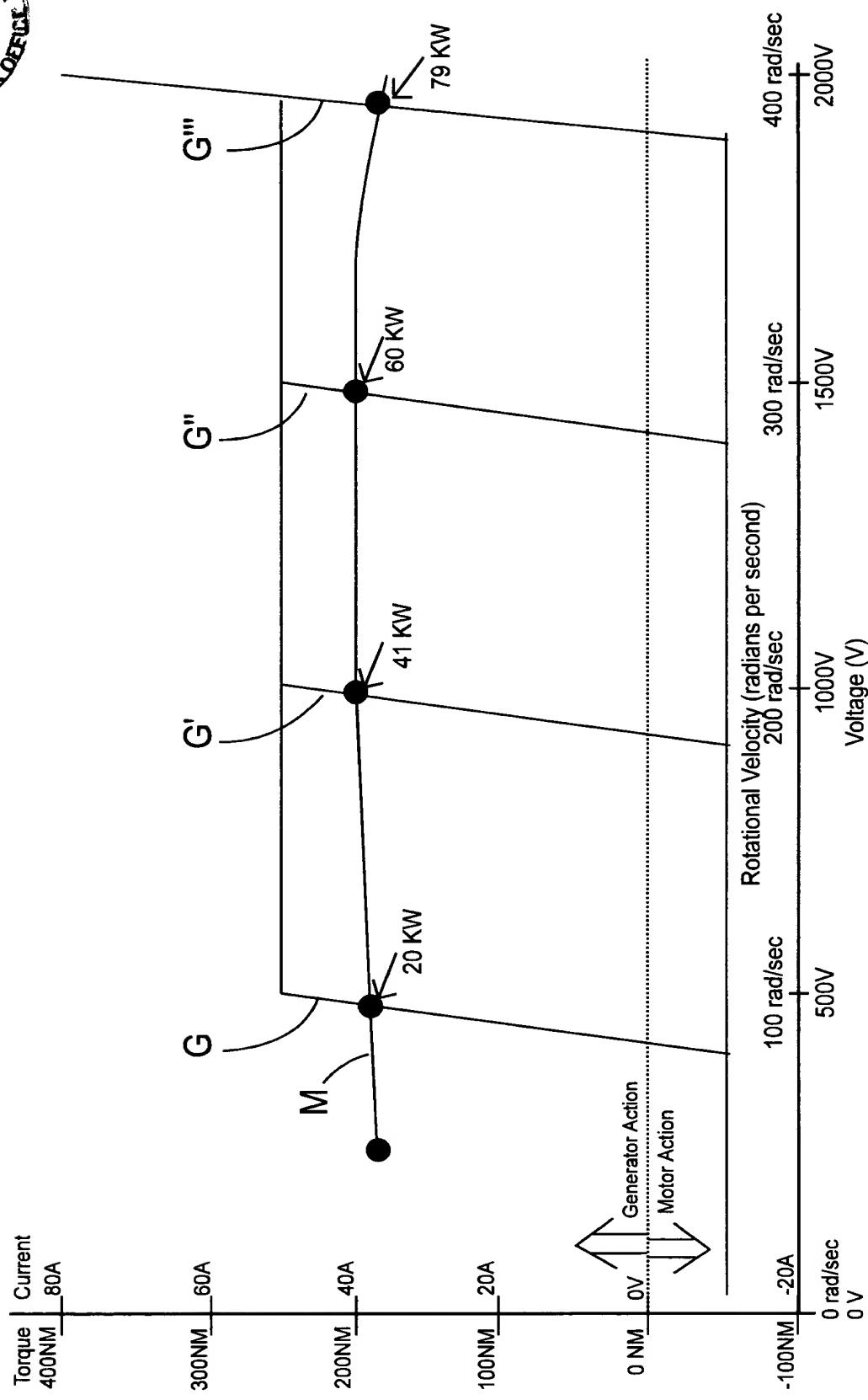




Figure 8a

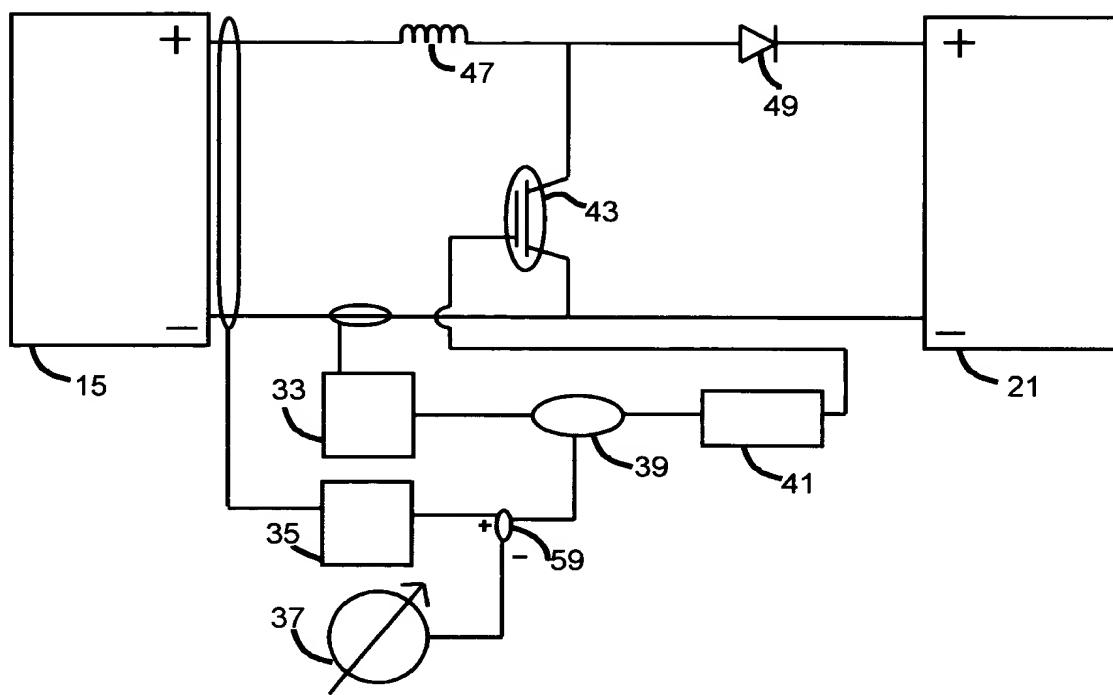


Figure 8b

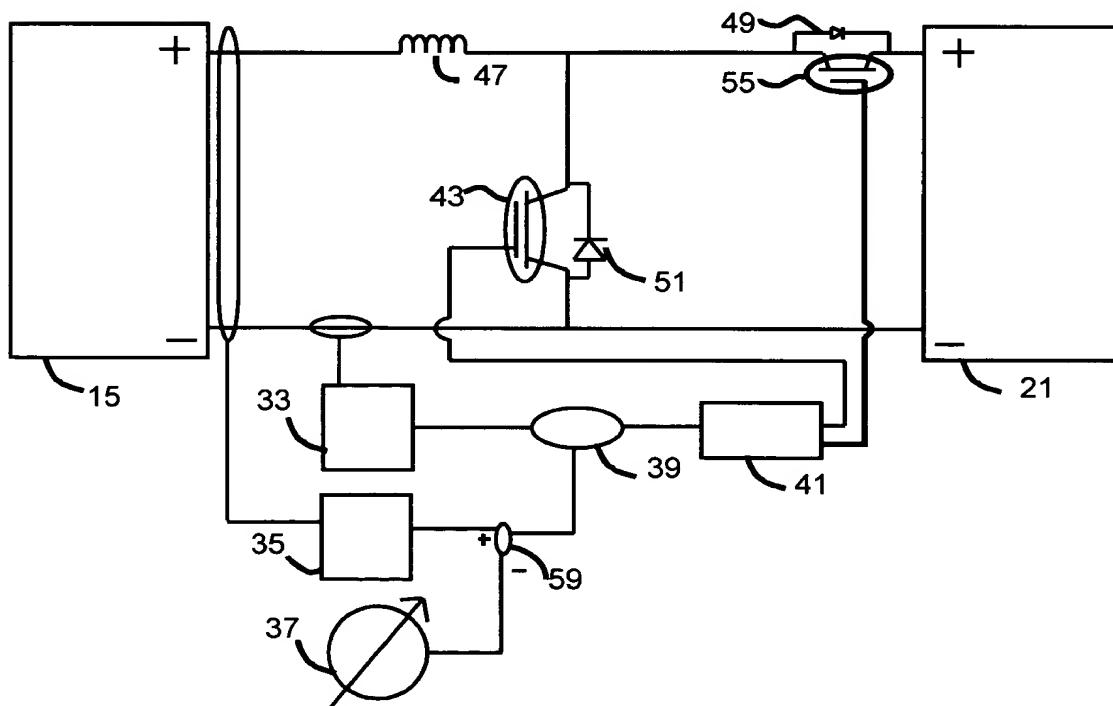




Figure 9a

PRIOR ART

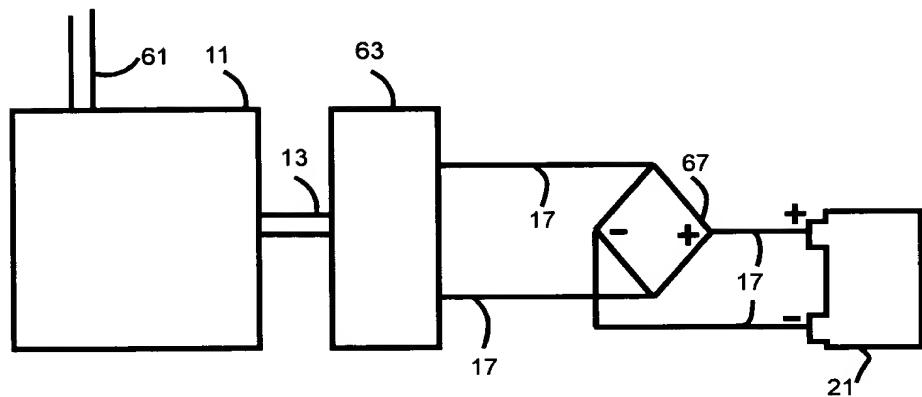




Figure 9b

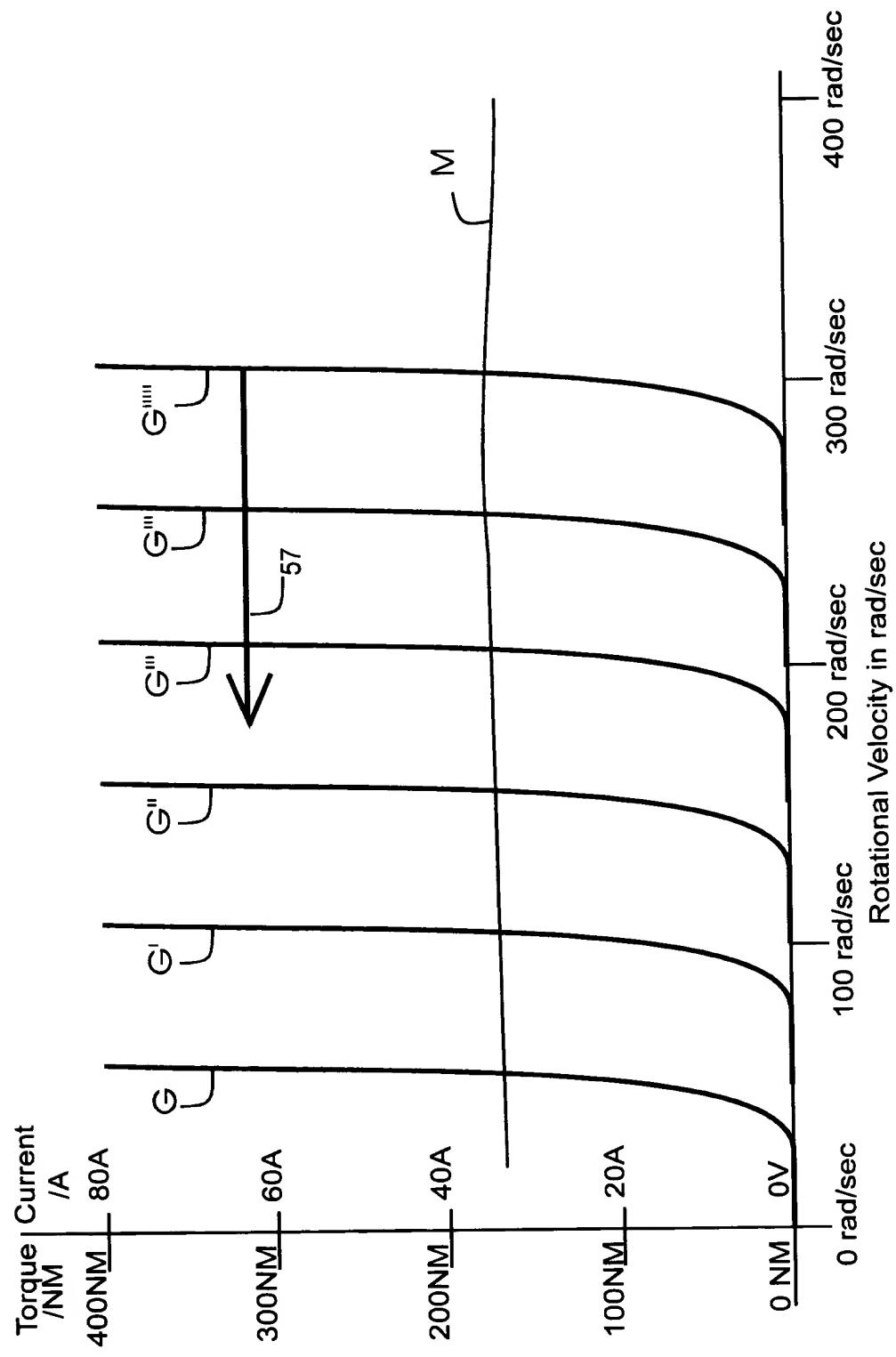




Figure 9c

